



## UNITED STATES PATENT AND TRADEMARK OFFICE (TRW Docket No. 12-1038/ 12558US01)

2663

In the Application of:

Thomas J. Kolze, et al.

Serial No. 09/516,800

Filed: March 1, 2000

For: ASYNCHRONOUS

RESAMPLING FOR DATA

**TRANSPORT** 

Examiner:

Group Art Unit:

2739

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INFORMATION DISCLOSURE STATEMENT

SEP 2 4 2003

Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450 Technology Center 2600

Dear Sirs:

Pursuant to 37 C.F.R. § 1.97-1.98 and in compliance with the duty of disclosure set forth in 37 C.F.R. § 1.56, it is respectfully requested that the following references be considered in the examination of the above-identified patent application:

- G. Ungerboeck, "Trellis-Coded Modulation with Redundant Signal Sets, Part I: Introduction," IEEE Communications Magazine; vol. 25, no. 2, pp. 5-11, February 1987.
- G. Ungerboeck, "Trellis-Coded Modulation with Redundant Signal Sets, Part II: State of the Art," IEEE Communications Magazine; vol. 25, no. 2, pp. 12-21, February 1987.

Claude Berrou and Alain Glavieux, "Near Optimum Error Correcting Coding and Decoding: Turbo-Codes," IEEE Transactions on Communications, vol. 44, no. 10, pp. 1261-71, October 1996.

TRW Docket No. 22-1038

D. Divsalar and F. Pollara, "On the Design of Turbo Codes," TDA Progress Report 99-121, November 15, 1995.

The above-identified reference(s) are listed on the attached Form PTO-1449 and copies are also enclosed herewith. This submission is in no way intended as an admission that the above-cited references constitute prior art. Applicant expressly retains the right to take any actions necessary to remove the above-cited references from the available prior art. Consideration of the above-identified references in the examination of the present patent application is respectfully requested.

The Commissioner is hereby authorized to charge any additional fees which may be required or credit any overpayment to Account No. 13-0017.

Respectfully submitted,

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Sept 17,200 3

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